Amendments to the Specification:

Please amend the paragraph beginning at page 13, line 14 and ending on page 13, line 27 as follows:

Once the intersymbol interference is subtracted from the incoming signal in summation unit 619, the output of the summation unit appears as shown on oscilloscope 617, in display 617A. Display 617A represents an eye diagram having five discrete levels. Once the levels have been well defined, as seen on display 617A, the slicer 621 is able to distinguish relatively easily between the symbols. The adaptive transversal filter ~~621~~ 623 will respond to whatever symbol is found by the slicer 623 and provide the necessary waveform to cancel the intersymbol interference caused by the found symbol's transmission. The transversal filter generates an intersymbol interference replica, which must be subtracted from the incoming signal. The intersymbol interference waveform changes, depending on which symbol has been found by the slicer. The output of the decision feedback equalizer depends on the previously decoded symbols. The PAM-5 symbols found are then decoded by the Physical Coding Sublayer (PCS) 627 and then provided to an interface such as a XGMII interface (not shown).